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(Signature of person mailing correspondence)

Mark A. Hixon

(Typed name of person mailing correspondence)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NATARAJAN THIAGARAJAN, MAX  
HEINRITZ-ADRIAN, SASCHA WENZEL,  
and JOHANNES MENZEL

Group Art Unit:

Application No. 10/532,843

Filing Under 35 U.S.C. 371 in the DO/EO/US  
of PCT/EP2003/011948 filed 28 October 2003

Examiner:

For: METHOD FOR CATALYTICALLY  
DEHYDRATING HYDROCARBONS

Attorney Docket 1-17016

December 19, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of Title 37 of the Code of Federal Regulations, and prior to the issuance of a first office action, record is hereby made of information the United States Patent and Trademark Office may wish to consider during examination of the above-entitled application which is being filed concurrently herewith under 35 U.S.C. 371. No representation is made or intended that a prior art search was conducted, or that no better art than that listed is available.

As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

The following patent documents are cited on the respective pages of the present application, which also serves as a statement of relevance for any non-English references:

US 5,235,121	pages 1 and 4
DE 1 985 8747 A1	page 1
EP 0 799 169 B1	page 2 (corresponds to US 5,997,826 and WO96/19424)
WO 96/33150	page 2 (corresponds to US 5,257,979)

The following patent documents were all cited in the International Search Report of the corresponding International application, a copy of which is attached hereto in the English language for the Examiner's convenience, and serves as a statement of relevance for any non-English references:

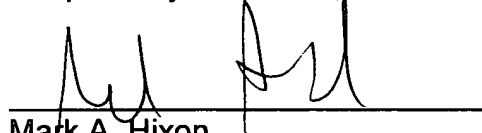
WO 96/19424 A (corresponds to US 5,997,826 and EP 0 799 169)  
US 4,599,471  
US 4,886,928

Copies of the above-noted foreign patent documents are enclosed herewith, along with Form PTO/SB/08A. It is requested that they be fully considered and made of record in this case.

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Respectfully submitted,



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/532,843
Filing Date	
First Named Inventor	Natarajan Thiagarajan et al
Art Unit	
Examiner Name	
Attorney Docket Number	1-17016

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,599,471 B1	07-08-1986	Ward	
		US- 4,739,124 B1	04-19-1988	Ward	
		US- 4,886,928 B1	12-12-1989	Imai et al	
		US- 5,235,121 B1	08-10-1993	Brinkmeyer et al	
		US- 5,527,979 B1	06-18-1996	Agaskar et al	corresp WO96/33150
		US- 5,997,826 B1	12-07-1999	Lodeng et al	corresp WO96/19424
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 96/33150 A1	10-24-1996	Aaskar et al	corrsp US5527979	
		WO 96/19424 A1	06-27-1996	Lodeng et al	corrsp EP0799169	
		EP 0 799 169	06-27-1996	Lodeng et al	corrsp WO96/19424	
		DE19858747 A1	06-21-2000	Linde AG		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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